

A common electrode and an individual electrode are provided in plural pairs on a first transparent substrate, and recesses are formed in a second substrate in positions corresponding to the pairs of electrodes to define discharge cells of display cells. The display cells of a display panel can be individually driven on the cell-by-cell basis and the planar panel has a reduced thickness. A driving circuit for changing luminance in accordance with the number of pulses applied to the individual electrode within a unit time to make gradation display is provided, and gradation control is achieved by performing switching control for each of the individual electrodes provided independently of one another in one-to-one relation to the display cells. A voltage pulse is applied to the individual electrode to reverse the polarity of wall charges accumulated on a dielectric layer, and a voltage pulse is then applied to the common electrode so that an electric field of the wall charges caused upon the reversal of the polarity is additionally applied. Thereby provided are a planar display panel which can set a large control margin in the display operation, ensure stable display, and present gradation display with high reliability and quality, as well as a manufacturing method, a controller, and a driving method for the planar display panel.